

Exclusive Distributor & Partner of Erbesd Instruments®

Our exclusive partnership with Erbesd Instruments® allows us to provide the latest wireless vibration monitoring solutions, condition monitoring solutions, balancing machines and more. Whether it's movement that's invisible to the naked eye or inconsistent temperatures, the Cornerstone Mechanical team will catch it with help from Erbesd products before it turns into a larger problem and expensive downtime for your facility.

This partnership provides you with the best of both worlds: the latest wireless vibration monitoring technology combined with the expertise, analytical feedback and personalized service of a local distributor to keep your facility operating at peak performance.

Technology We Offer:

- Vibration monitoring equipment
- Wireless vibration sensors
- Condition monitoring sensors
- Balancing machines
- And more

About Cornerstone Mechanical

Whether you need to install new rotating equipment, repair existing machinery or predict when a shutdown may occur, the Cornerstone Mechanical team can serve you. We act as your partner, providing year-round mechanical support and reliability solutions for your mission-critical equipment.

We provide services for your rotating equipment's entire life cycle, including new equipment installation, grouting, commissioning, precision laser alignments, dynamic balancing, corrective maintenance, preventive maintenance, vibration analysis, continuous monitoring, oil analysis, infrared (IR) thermography and motion magnification.

Explore Technology →



Phantom Gateway 2.0

- Centralizes all information about your wireless condition monitoring setup within one administration panel
- The essential link between Erbesid Phantom sensors and the cloud

DigiVibeMX® Vibration Analyzer & Data Collector

- Integrates advanced functions for vibration analysis and dynamic balancing displayed in an intuitive interface
- Generates an FFT of over 1 million lines of resolution



Phantom Expert Gen 3 Sensor

- Cutting-edge wireless triaxial sensor designed with compact dimensions to be compatible with any rotating machine to optimize ROI
- IP69-grade protection against water jets, dust, high humidity or temperatures up to 185°F
- Collects up to 65,000 measurements

WiSER 3X - Wireless Triaxial Accelerometer

- Sends vibration data in real time with a maximum delay of 0.2 seconds
- Allows more than 1 million lines of resolution
- Capable of both on- and off-route analysis and dynamic balancing



Phantom Vibration Monitoring System

- Measures various parameters like vibration, speed, temperature, current, amperage, pressure, flow and tank level
- Easily upload data into the cloud to monitor your equipment from anywhere on your smartphone, laptop or tablet

DEFIANT

- Real-time data acquisition and machine monitoring system that captures and analyzes data from industrial equipment as it operates
- 5-millisecond processing and response time
- Seamlessly integrates with almost any sensor on the market



Phantom IR-Thermographic Camera

- Detects infrared radiation and inconsistent temperatures to identify potential faults in your machinery
- No need to open high-voltage cabinets for increased safety and peace of mind
- Can measure temperatures ranging from -40°F to 572°F

DragonVision®

- Motion magnification technology that uses unique video analysis algorithms to track microscopic movements through video recordings
- Detects thousands of vibration points in a single video

